Index of Claims

| Appl | licatio | on/Co | ntrol | No. |
|------|---------|-------|-------|-----|
|------|---------|-------|-------|-----|

M. Alexandra Elve

10/535,601

GRIEBEL ET AL.

Applicant(s)/Patent under Reexamination

Art Unit

Examiner

3742

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

|       |                | Dete    |   |          |          |          |          |          |          |          |  |  |  |  |
|-------|----------------|---------|---|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|
| Cla   | Date           |         |   |          |          |          |          |          |          |          |  |  |  |  |
| Final | Original       | 9/12/10 |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 1              | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 1<br>2<br>3    | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 3              | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 4              | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 5              | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 6              | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 7              | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 8              | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 9              | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 10             | -       |   |          |          |          |          |          |          |          |  |  |  |  |
| 1     | 11             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 2     | 12             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 3     | 11<br>12<br>13 | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 4     | 14<br>15<br>16 | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 5     | 15             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 6     | 16             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 7     | 17             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 8     | 18             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 9     | 19             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 10    | 20             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 11    | 21             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 22             | -       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 23<br>24       | -       |   |          |          |          |          |          |          |          |  |  |  |  |
| 12    | 24             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 13    | 25             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 14    | 26<br>27       | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 15    | 27             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 16    | 28             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
| 17    | 29             | =       |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 30             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 31             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 32             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 33             |         |   | _        |          | _        |          |          |          |          |  |  |  |  |
|       | 34             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 35             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 36             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 37             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 38             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 39             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 40             |         |   |          |          |          |          |          |          |          |  |  |  |  |
|       | 41             | _       |   | _        |          | <u> </u> |          | <u> </u> | H        | _        |  |  |  |  |
|       | 42             | _       |   | <u> </u> | <u> </u> | $\vdash$ | <u> </u> | _        |          | _        |  |  |  |  |
|       | 43             | _       |   | <u> </u> | <u> </u> | $\vdash$ | <u> </u> | _        | <u> </u> | -        |  |  |  |  |
|       | 44             | _       |   | <u> </u> | _        | <u> </u> |          |          | H        |          |  |  |  |  |
|       | 45             | _       |   | <u> </u> |          | <u> </u> |          | <u> </u> | H        | _        |  |  |  |  |
|       | 46             | _       |   | <u> </u> | -        | $\vdash$ | -        | _        |          | _        |  |  |  |  |
|       | 47             | _       |   | _        |          | _        |          | _        |          | _        |  |  |  |  |
|       | 48             |         |   | <u> </u> |          | <u> </u> |          | <u> </u> | <u> </u> | <u> </u> |  |  |  |  |
|       | 49             | _       |   | <u> </u> |          | <u> </u> |          | <u> </u> | Ш        | _        |  |  |  |  |
|       | 50             | 1       | ı | 1        | ı        | ı        | ı        | 1        |          |          |  |  |  |  |

| Cla   | aim                  | Date                                      |          |              |          |   |          |   |          |  |  |  |  |  |
|-------|----------------------|---|----------|--------------|----------|---|----------|---|----------|--|--|--|--|--|
|       | _                    |   |          |              |          |   |          |   |          |  |  |  |  |  |
| Final | Original             |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 51                   | H   |          | $\vdash$     |          |   |          |   |          |  |  |  |  |  |
|       | 52                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 53                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 54                   | $\vdash$                                  |          | $\vdash$     |          |   |          |   |          |  |  |  |  |  |
|       | 54<br>55             |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 56                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 57                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 58                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 59                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 60                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 61                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 62                   | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$ |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 63                   | $oxed{oxed}$                              |          | $oxed{oxed}$ |          |   |          |   |          |  |  |  |  |  |
|       | 64                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 65<br>66             |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 66                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 67                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 68                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 69                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 70                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 71<br>72             |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 72                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 73<br>74<br>75<br>76 | $\vdash$                                  |          | $\vdash$     |          |   |          |   |          |  |  |  |  |  |
|       | 75                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 76                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 77                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 78                   |   |          | $\vdash$     |          |   |          |   |          |  |  |  |  |  |
|       | 79                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 80                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 81                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 82                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 83                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 84                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 85                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 86                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 87                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 88                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 89                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 90                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 91                   | $oxed{oxed}$                              |          | $oxed{oxed}$ |          |   |          |   |          |  |  |  |  |  |
|       | 92                   |   |          |              | Ш        |   |          |   |          |  |  |  |  |  |
|       | 93                   | $\vdash$                                  | <u> </u> | <u> </u>     | Ш        |   | <u> </u> |   | <u> </u> |  |  |  |  |  |
|       | 94                   |   |          |              | Ш        |   | L        | _ | L        |  |  |  |  |  |
|       | 95                   |   |          |              |          |   |          |   |          |  |  |  |  |  |
|       | 96                   | $\vdash$                                  |          | $\vdash$     |          |   |          |   |          |  |  |  |  |  |
|       | 97                   | $\vdash$                                  | _        | $\vdash$     | $\vdash$ | _ | <u> </u> |   | <u> </u> |  |  |  |  |  |
| -     | 98                   | $\vdash$                                  | _        | $\vdash$     |          | _ |          | _ |          |  |  |  |  |  |
|       | 99                   | $\vdash$                                  | <u> </u> | $\vdash$     | $\vdash$ | - | _        |   | _        |  |  |  |  |  |

|                  | •               | _        |              |          |       |          |          |          |          |          |          |   |          |           |     |       |            | •        |   |          |                 |          |  |   |                |
|------------------|-----------------|----------|--------------|----------|-------|----------|----------|----------|----------|----------|----------|---|----------|-----------|-----|-------|------------|----------|---|----------|-----------------|----------|--|---|----------------|
| Date             | Date Claim      |          |              | aim      | Date  |          |          |          |          |          |          |   | ĺ        | Cla       | aim | Date  |            |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          | Final | Original |          |          |          |          |          |   |          |           |     | Final | Original   |          |   |          |                 |          |  |   |                |
|                  |                 |          | +            |          |       | 51       |          |          |          |          |          |   |          | $\dashv$  |     |       | 101        |          |   |          |                 |          |  |   |                |
|                  |                 | 1        |              |          |       | 52       |          |          |          |          |          |   |          | $\exists$ |     |       | 102        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 53       |          |          |          |          |          |   |          |           |     |       | 103        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 54       |          |          |          |          |          |   |          |           |     |       | 104        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 55       |          |          |          |          |          |   |          |           |     |       | 105        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 56       |          |          |          |          |          |   |          |           |     |       | 106        |          |   |          |                 |          |  |   |                |
|                  |                 | _        | _            | _        |       | 57       |          |          |          |          |          |   |          | _         |     |       | 107        |          |   |          |                 |          |  |   |                |
|                  |                 | _        |              | _        |       | 58       |          |          |          |          |          |   |          | _         |     |       | 108        | _        |   |          |                 |          |  |   |                |
|                  | $\vdash$        | _        | _            | _        |       | 59       |          | -        |          |          |          |   | _        | _         |     |       | 109        | -        |   |          |                 |          |  |   |                |
|                  | $\vdash$        |          |              |          |       | 60<br>61 |          | $\vdash$ |          |          |          |   | -        | $\dashv$  |     |       | 110<br>111 | -        | + |          |                 |          |  | _ | _              |
|                  | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$ |       | 62       |          | $\vdash$ |          |          |          |   | -        | $\dashv$  |     |       | 112        | _        | + | -        |                 |          |  | _ | _              |
|                  | $\vdash$        | -        | $\dashv$     | $\dashv$ |       | 63       | +        |          | -        |          |          |   | $\dashv$ | $\dashv$  |     |       | 113        | $\dashv$ | + |          | $\vdash$        |          |  |   | $\dashv$       |
|                  | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$ |       | 64       |          | $\vdash$ |          |          | H        |   | $\neg$   | $\dashv$  |     |       | 114        | $\dashv$ |   | $\vdash$ | $\vdash$        | $\vdash$ |  |   | $\dashv$       |
|                  | H               | $\dashv$ | $\dashv$     | $\dashv$ |       | 65       |          |          |          |          |          |   |          | $\dashv$  |     |       | 115        |          |   | t        |                 |          |  |   | $\exists$      |
|                  |                 |          |              | _        |       | 66       |          |          |          |          |          |   |          | T         |     |       | 116        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              | T        |       | 67       |          |          |          |          |          |   |          |           |     |       | 117        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 68       |          |          |          |          |          |   |          |           |     |       | 118        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 69       |          |          |          |          |          |   |          |           |     |       | 119        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 70       |          |          |          |          |          |   |          |           |     |       | 120        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 71       |          |          |          |          |          |   |          |           |     |       | 121        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              | _        |       | 72       |          |          |          |          |          |   |          | _         |     |       | 122        |          |   |          |                 |          |  |   |                |
| +                |                 | _        |              | _        |       | 73       |          |          |          |          |          |   |          | _         |     |       | 123        |          |   |          |                 |          |  |   | $\blacksquare$ |
|                  |                 | _        | _            | _        |       | 74       |          |          |          |          |          |   |          | _         |     |       | 124        |          |   |          |                 |          |  |   |                |
|                  | $\vdash$        |          |              | $\dashv$ |       | 75<br>70 |          |          |          |          |          |   | _        | $\dashv$  |     |       | 125<br>126 | -        |   | -        |                 |          |  |   |                |
|                  | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$ |       | 76<br>77 |          |          |          |          |          |   | $\dashv$ | $\dashv$  |     |       | 127        | +        | + |          |                 |          |  | - |                |
|                  | H               | -        | -            |          |       | 78       |          |          |          |          |          |   |          | -         |     |       | 128        | -        |   |          |                 |          |  |   |                |
|                  | $\vdash$        | _        | _            | -        |       | 79       |          |          |          |          |          |   |          | $\dashv$  |     |       | 129        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 80       |          |          |          |          |          |   |          | $\dashv$  |     |       | 130        |          |   |          |                 |          |  |   |                |
|                  | $\Box$          | _        | _            | _        |       | 81       |          |          |          |          |          |   |          | 一         |     |       | 131        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 82       |          |          |          |          |          |   |          |           |     |       | 132        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 83       |          |          |          |          |          |   |          | $\Box$    |     |       | 133        |          |   | Ĺ        |                 |          |  |   |                |
|                  |                 |          |              |          |       | 84       |          |          |          |          |          |   |          |           |     |       | 134        |          |   |          |                 |          |  |   |                |
| $\bot \bot \Box$ |                 | $\prod$  | $\perp$      |          |       | 85       |          |          |          |          | Ш        |   |          | _         |     |       | 135        |          |   |          |                 |          |  |   |                |
| $\bot$           | $\square$       | _        | $\downarrow$ | _        |       | 86       |          |          | L        |          | Ш        |   |          | _         |     |       | 136        |          |   |          | Ш               | Ш        |  |   |                |
| +                | $\sqcup$        | _        | _            | _        |       | 87       | $\perp$  | $\vdash$ |          |          | Ш        |   |          | 4         |     |       | 137        | $\perp$  | - | 1        |                 |          |  |   | $\dashv$       |
|                  | $\sqcup$        | _        | $\dashv$     | _        |       | 88       |          | $\vdash$ |          |          | Н        | _ | _        | 4         |     |       | 138        | _        | - | 1        | $\vdash \vdash$ |          |  |   | $\dashv$       |
|                  | $\vdash \vdash$ | $\dashv$ | $\dashv$     | $\dashv$ |       | 89       | $\vdash$ | $\vdash$ | -        |          | $\vdash$ |   | $\dashv$ | $\dashv$  |     |       | 139        | -        | - | $\vdash$ | $\vdash$        |          |  |   | $\dashv$       |
| +                | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$ |       | 90       | $\vdash$ | $\vdash$ |          | $\vdash$ | H        |   | $\dashv$ | $\dashv$  |     |       | 140<br>141 | +        | + | +        | $\vdash$        |          |  | - | $\dashv$       |
|                  |                 |          |              | $\dashv$ |       | 92       |          |          |          |          |          |   |          | =         |     |       | 142        |          |   |          |                 |          |  |   |                |
|                  | $\vdash$        | -        | $\dashv$     | $\dashv$ |       | 93       |          | $\vdash$ | $\vdash$ |          | $\vdash$ |   | $\dashv$ | $\dashv$  |     |       | 143        | +        | + | $\vdash$ | $\vdash$        |          |  |   | $\dashv$       |
|                  | $\vdash$        | $\dashv$ | $\dashv$     | $\dashv$ |       | 94       |          | $\vdash$ |          |          | H        |   | $\neg$   | $\dashv$  |     |       | 144        | $\dashv$ |   | $\vdash$ | $\vdash$        | $\vdash$ |  |   | $\dashv$       |
|                  | H               | $\dashv$ | $\dashv$     | $\dashv$ |       | 95       |          |          |          |          |          |   |          | $\dashv$  |     |       | 145        |          |   | t        |                 |          |  |   | $\exists$      |
|                  | П               | 1        | 1            | _        |       | 96       |          | П        |          |          | П        |   |          | $\dashv$  |     |       | 146        |          |   |          |                 |          |  |   | $\exists$      |
|                  | $\Box$          | T        | 寸            | T        |       | 97       |          |          |          |          |          |   |          | $\neg$    |     |       | 147        |          |   |          |                 |          |  |   | $\Box$         |
|                  |                 |          |              |          |       | 98       |          |          |          |          |          |   |          |           |     |       | 148        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              | _]       |       | 99       |          |          |          |          |          |   |          |           |     |       | 149        |          |   |          |                 |          |  |   |                |
|                  |                 |          |              |          |       | 100      |          |          |          |          |          |   |          |           |     |       | 150        |          |   |          |                 |          |  |   |                |